

Missouri

State Fleet Efficiency and Alternative Fuel Program

Annual Report
Fiscal Year 2012



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES
DIVISION OF ENERGY

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Jeremiah W. (Jay) Nixon, Governor

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DEPARTMENT OF NATURAL RESOURCES

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The Fuel Conservation for State Vehicles Program statute, Sections 414.400 - 414.417 RSMo, and the federal Energy Policy Act establish opportunities for Missouri state agencies to manage transportation fuel consumption and promote the use of clean domestic alternative fuels.

All state agencies are obligated to report their progress annually to the department's Division of Energy for the development of the Missouri State Fleet Efficiency and Alternative Fuels Program annual report.

We are pleased to submit for your consideration this report for fiscal year 2012 on state fleet efficiency and alternative fuels use.

Sincerely,

MISSOURI DIVISION OF ENERGY

A handwritten signature in cursive script that reads "Llona C. Weiss".

Llona C. Weiss
Director

LCW:ccj



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Executive Summary

In 1991, the Missouri General Assembly set standards for economically and environmentally responsible state fleet management by passing Sections 414.400 - 414.417, Revised Statutes of Missouri (or the Fuel Conservation for State Vehicles Program). The intent of this legislation was to increase the average fuel efficiency of the state fleet and to encourage the use of cleaner alternative transportation fuels in state vehicles. The statute provides for an annual state fleet report to be compiled by the Department of Natural Resources (the “department”) which includes, but is not limited to, annual fuel consumption, number of vehicles operated, vehicle miles traveled, average fleet fuel economy, estimated cost savings and the state’s use of alternative fuels. A copy of the Missouri statute is provided in Appendix A, and fleet data submitted to the department by the reporting agencies is provided in Appendix B. This report covers fiscal year 2012, which is July 1, 2011 through June 30, 2012.

All Missouri state agencies (or “agencies”) are required to comply with the statute and are subject to one or both of the fleet efficiency and alternative fuel requirements. Agencies comply with reporting requirements by annually providing the department’s Division of Energy (DE) with vehicle operating data on their respective fleets that includes the information listed above. The statute covers light-duty vehicles which are defined as vehicles under 8,500 pounds gross vehicle weight rating. Of the operated vehicles, agencies reported that 4,306 vehicles were eligible to meet the vehicle fuel efficiency and alternative fuel requirements (eligible vehicles) as described in the statutes, and another 8,354 vehicles were reported as exempt from meeting those requirements (exempt vehicles). State agencies operated a total of 12,660 vehicles during fiscal year 2012.

While operating 4,306 eligible vehicles, agencies reported logging a total of 47,504,019 miles. As a refueling requirement to travel this number of miles, agencies also reported using 1,983,034 gallons of gasoline; 229,369 gallons of 85 percent ethanol (E85), including E85 used in exempt vehicles; 578 gallons of propane; zero cubic feet of compressed natural gas (CNG); and 4,127 kilowatt hours (kWh) of electricity (132 gasoline gallon equivalents or GGE). Compared to fiscal year 2011, state employees drove six percent more miles in fiscal year 2012. Gasoline usage increased by four percent; E85 usage decreased by 11 percent; propane usage decreased by 29 percent; and CNG usage remained at zero.

Agencies also reported use of biodiesel in state vehicles and although biodiesel is normally used to refuel vehicles designated as exempt under the statute, the U.S. Department of Energy defines biodiesel blended at levels of 20 percent or greater an alternative fuel. For purposes of this report and to ensure reporting consistency, we have converted the reported quantities for blends of biodiesel less than the 100 percent blend level to its equivalent if purchased at a 100 percent biodiesel blend level. Using this conversion, the combined total of biodiesel used by state agencies during the reporting period was 290,712 gallons. This equates to 1,453,560 gallons of biodiesel blended at the 20 percent level. A biodiesel blend level of 20 percent is the most commonly used. Factors limiting the Missouri Department of Transportation’s (MoDOT) diesel and biodiesel consumption during winter months included using the most fuel efficient piece of equipment to do the job; performing work that required lighter pieces of fleet; replacing diesel units with gasoline units; and installing automatic idle shut down features on heavy equipment.

Vehicle fuel efficiency standards described in Section 414.400, RSMo, require that agencies purchase new vehicles that meet or exceed standards set by the U.S. Environmental Protection Agency or EPA.

Under these standards, new vehicles purchased by state agencies are required to meet or exceed the corporate average fuel efficiency or (CAFÉ) standards of 27.5 miles per gallon for passenger cars and 20.7 mpg for light-duty trucks. During the 2012 fiscal year, the overall average fuel efficiency of new vehicles reported by agencies was 38.6 mpg for passenger cars and 28.7 mpg for light-duty trucks. Note that the CAFÉ numeric system awards additional credit for purchase of alternative fuel vehicles. This credit can significantly increase the CAFÉ rating of vehicles purchased and accounts for the high overall efficiency of new vehicles acquired. Each of the 30 reporting agencies that purchased passenger cars or light duty trucks exceeded its required CAFÉ standards.

The alternative fuel standards described in the statute require that 50% of agencies' new vehicles purchased are capable of being refueled with an alternative fuel. After January 1, 2008, the commissioner of the Office of Administration was required to ensure that at least 70 percent of new state fleet vehicles are flexible fuel vehicles. Of the 30 reporting state agencies, 17 met or exceeded the statutory requirement. Thirteen agencies were not required to meet the statutory requirement because they either did not purchase any new vehicles or they operated 15 or fewer eligible vehicles. The statute also requires that at least 30 percent of all fuel used in eligible, state-owned alternative fuel vehicles, or AFVs, be the designated alternative fuel. During the 2012 fiscal year, 10 percent of all fuel used in eligible AFVs was the designated alternative fuel. However, the statute provides for state agencies to take credit toward meeting their 30 percent goal by reporting the alternative fuel used in exempt vehicles. When the biodiesel used to refuel exempt diesel vehicles and the other fuels used in exempt AFVs were included in the calculation, the percent of alternative fuel that can be counted as used in AFVs rose to 26 percent.

The department has worked throughout the reporting period to promote the continued and increased use of alternative fuels and has provided technical and programmatic assistance to state agencies. MoDOT continues to install signage for E85 along divided highways at exits where alternative fuels are available. In addition, the department has designed alternative fuel signs for state agencies to place at their respective fleet lots. These signs remind state employees to refuel with the appropriate alternative fuel in AFVs whenever possible. E85 magnets, static window stickers and fuel door stickers are available from DE. Colored labels for vehicle packets are also available to identify AFVs and provide local directions to refueling facilities. DE strongly urges state agencies that use packets for vehicle checkouts to include the E85 station listing in all of the E85 vehicle packets. A link to E85 station locations has been made available for agencies to distribute through their e-mail group address list. The listing can be found at www.afdc.energy.gov/locator/stations/.

In summary, agencies reported reduced total fuel consumption while logging an increased number of total miles traveled during fiscal year 2012. This was made possible due to the higher overall efficiency of the state fleet and each agency's effort to effectively manage the vehicles they operated. The department will continue to encourage agencies this fiscal year to improve fleet fuel efficiency and for them to take advantage of opportunities for improvement throughout the year. The department encourages all stakeholders to share ideas that would further these efforts. Please contact us at 573-751-3443 or by email at energy@dnr.mo.gov.

Introduction

In 1991, the Missouri General Assembly set standards for economically and environmentally responsible state fleet management by passing Sections 414.400 - 414.417, Revised Statutes of Missouri (or the Fuel Conservation for State Vehicles Program). The intent of this legislation was to increase the average fuel efficiency of the state fleet and to encourage the use of cleaner alternative transportation fuels in state vehicles. The statute provides for an annual state fleet report to be compiled by the department which includes, but is not limited to, annual fuel consumption, number of vehicles operated, vehicle miles traveled, average fleet fuel economy, estimated cost savings and the state's use of alternative fuels. A copy of the Missouri statute is provided in Appendix A, and fleet data submitted to the department by the reporting agencies is provided in Appendix B. This report covers fiscal year 2012, which is July 1, 2011 through June 30, 2012.

All Missouri state agencies (or "agencies") are required to comply with the statute and are subject to one or both of the fleet efficiency and alternative fuel requirements. The statute covers light-duty vehicles, defined as those under 8,500 pounds gross vehicle weight rating. The Department of Natural Resources (the "department") is required to prepare an annual report on the Fuel Conservation for State Vehicles Program. The state agencies that do not meet the requirements for purchase of alternative fuel vehicles must obtain a waiver from the Office of Administration (OA) before purchasing any light-duty vehicle other than an alternative fuel vehicle. OA is required to ensure compliance with purchasing guidelines of alternative fuel vehicles and efficiency standards of conventional fuel vehicles.

State agencies have the opportunity to stretch operating budgets through greater fleet efficiency and to demonstrate approaches that reduce fuel consumption, manage travel efficiently and use cleaner alternative fuels. This program also offers opportunities for interagency communication and cooperation.

Based on statutory requirements¹, the following are the Fuel Conservation for State Vehicles Program objectives:

1. *To achieve an efficient vehicle fleet.* Legislation effective January 1, 1999, requires state agencies to meet minimum guidelines for efficient vehicle fleet management as established by the department.
2. *To realize environmental and economic benefits of using alternative transportation fuels.* State government is to operate vehicles on alternative fuels, such as 85 percent ethanol, propane, compressed natural gas or others, if the fuels are within the incremental life-cycle cost caps designated in the statute. Legislation effective January 1, 1999, establishes the maximum incremental life-cycle cost difference at 10 percent, except for vehicles to be used in clean air maintenance and non-attainment areas of Kansas City and St. Louis, where the allowable incremental cost difference is 17 percent.

¹All agencies of Missouri state government are subject to the provisions of the program, with the exception of the departments of Transportation and Conservation, which may develop fleet management plans independently. Certain off-road vehicles, special use vehicles, law enforcement vehicles and vehicles for which no published EPA CAFÉ standard exists are exempt from the provisions.

3. *To increase the number of alternative fuel vehicles (AFV) in state fleets.* Since January 1, 2008, the commissioner of the Office of Administration has been required to ensure that at least 70 percent of new state fleet vehicles are flexible fuel vehicles.

After July 1, 2001, at least 30 percent of the fuel used in state-owned AFVs must be an alternative fuel. Compliance with these requirements by individual agencies and in the aggregate is documented in annual reports submitted by the agencies to DE following the end of the fiscal year. Summary tables showing the fleet operating data in total and by the individual agencies can be found in Appendix B.

Annual Fuel Consumption, Number of Vehicles and Vehicle Miles Traveled

Missouri Revised Statutes, section 414.406, requires that the department prepare an annual state fleet report that documents annual fuel consumption, number of vehicles and vehicle miles traveled. Some terms used in the report are briefly defined below from the description given in the statute.

Exempt vehicles are vehicles operated by state agencies and designated for duties that exempt the vehicles from vehicle fuel efficiency and alternative fuel requirements. These duties include off-road, maintenance, construction, trailer transport, law enforcement and emergency vehicles. Exempt vehicles also include vehicles that exceed the 8,500 gross vehicle weight rating (GVWR).

Eligible vehicles are those vehicles operated by state agency fleets that are required to meet vehicle fuel efficiency and alternative fuel requirements. Most eligible vehicles are used primarily for commuting from one location to another on established roadways.

GGE (or “gasoline gallon equivalents”) is used as a unit of measure for alternative fuels. GGE is based on the fuel’s energy content rather than the at-the-pump unit of measure normally shown in unit volume. An example of this is the comparison of a gallon of E85 to a gallon of gasoline. Since the energy content of E85 is less than that of gasoline, one gallon of E85 is equivalent to 0.7130 gallons of gasoline. As applied throughout this report, check Appendix C for more information on the conversion of alternative fuels from at-the-pump units of consumption to GGE.

Shown in Table 1 as reported by the state agencies are the annual fuel consumption numbers for state-owned vehicles operated during fiscal year 2012. Gasoline, diesel, and alternative fuel consumption are compared for eligible, exempt, and all vehicles operated throughout the reporting period. At the B100 blend level, biodiesel consumption is included on the table as the majority of the alternative fuel used in exempt vehicles.

Table 1. Fuel Consumption Throughout Fiscal Year 2012			
Fuel Type	Eligible Vehicles	Exempt Vehicles	All State Vehicles
Gasoline (gallons)	1,983,034	5,765,211	7,748,245
Diesel (gallons)	8,857	2,429,131	2,437,988
Alternative Fuel (gge) *biodiesel is included as B100	139,948	338,008	477,956

Following the end of the fiscal year, both annual fuel consumption and annual fuel cost numbers are provided by state agencies to the department. Shown in Table 2 are the annual fuel cost numbers that directly correspond to the fuel consumption numbers shown in Table 1.

Table 2. Fuel Cost Throughout Fiscal Year 2012			
Fuel Type	Eligible Vehicles	Exempt Vehicles	All State Vehicles
Gasoline (gallons)	\$6,189,970	\$11,174,744	\$17,364,714
Diesel (gallons)	\$24,837	\$8,409,155	\$8,433,992
Alternative Fuel (gge)	\$589,698	\$1,116,422	\$1,706,120
Total	\$6,804,505	\$20,700,321	\$27,504,826

To provide a measure of the overall operational fleet size, Table 3 shows the number of state-owned vehicles operated by state agencies throughout fiscal year 2012. Agencies were requested to submit information on all vehicles operated throughout the reporting period. The numbers shown in Table 3 include all vehicles acquired, all vehicles in continuous service, and all vehicles retired from state service during the period. Diesel vehicles are not classified as alternative fuel vehicles. Therefore, in Tables 3 and 4, diesel vehicles are shown as a separate entry even if they were fueled with biodiesel.

Table 3. Number of Vehicles Operated Throughout Fiscal Year 2012			
Vehicle Type	Eligible Vehicles	Exempt Vehicles	All State Vehicles
Gasoline	1,816	4,223	6,039
Diesel	15	2,202	2,217
Alternative Fuel	2,475	1,929	4,404
Total	4,306	8,354	12,660

During fiscal year 2012, the vehicle miles traveled in eligible state vehicles were 13,840,726 in gasoline and hybrid vehicles, 90,603 in diesel vehicles, and 33,572,690 in alternative fuel vehicles. Agencies are not required to submit to the department the vehicle miles traveled in state vehicles that are exempt from fuel efficiency and alternative fuel requirements.

Annual maintenance costs are factored into the total operating cost for state-owned vehicles. Shown in Table 4 are the annual maintenance costs incurred for the repair and upkeep of state-owned vehicles operated throughout fiscal year 2012.

Table 4. Maintenance Cost Throughout Fiscal Year 2012			
Vehicle Type	Eligible Vehicles	Exempt Vehicles	All State Vehicles
Gasoline	\$998,536	\$2,733,229	\$3,731,765
Diesel	\$12,485	\$5,520,243	\$5,532,728
Alternative Fuel	\$1,406,651	\$1,267,092	\$2,673,743
Total	\$2,417,672	\$9,520,564	\$11,938,236

Caution should be exercised when interpreting the reported maintenance cost numbers shown throughout this report since the method used for collecting and reporting maintenance cost could be different from one agency to the next. For example, most agencies enter into vehicle repair and upkeep contracts with outside organizations while some agencies employ vehicle maintenance staff responsible for the repair and upkeep of agency vehicles.

Average Fleet Fuel Economy

Although a procedural process for the computation of average fleet fuel economy is not described in Missouri law, the statute does require that each agency's overall vehicle fleet fuel efficiency for eligible state vehicles meet or exceed the standards set by the federal government.

The U.S. Environmental Protection Agency, with assistance from the U.S. Department of Transportation, has developed a rating system for measuring vehicle fuel efficiency. The rating system (referenced in the statute) is called corporate average fuel economy or CAFÉ. CAFÉ is a comprehensive fuel efficiency rating system that was developed to measure the vehicle fuel efficiency of vehicles sold in the United States. Since CAFÉ is an average, a company can sell vehicles that fall below the CAFÉ standards as long as the company's overall averages stay within the standards.

The CAFÉ standards are 27.5 miles per gallon (mpg) for passenger cars and 20.7 mpg for light-duty trucks. Station wagons are included under the passenger car category while light-duty trucks include pickups, sport utility vehicles (SUVs) and vans.

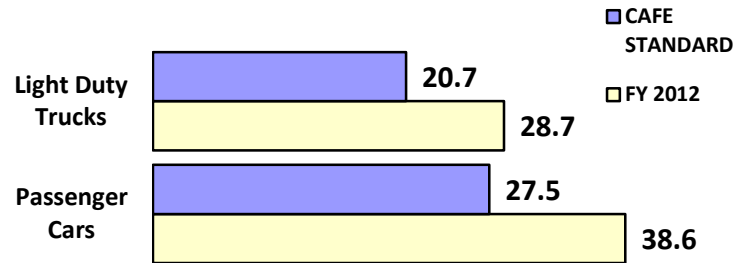
New vehicle acquisitions are included in the computation of the average fleet fuel economy. By including only new vehicle acquisitions, emphasis is placed on the purchase of vehicles that meet or exceed the federal CAFÉ standards, and this approach is compatible with federal Energy Policy Act of 2002 requirements.

As shown in Figure 1, all of the state agencies exceeded the federal standard by purchasing new passenger cars with an average CAFÉ rating of 38.6 mpg. Agencies also exceeded the federal standard with new acquisitions of light-duty trucks. Agencies purchased new light-duty trucks that earned an overall CAFÉ rating of 28.7 mpg. Although other vehicles may have been purchased throughout the reporting period, only those vehicles not exempt from state vehicle fuel efficiency requirements were included in the averages.

The CAFÉ numeric system awards additional credit to alternative fuel vehicles. This higher rating can significantly increase the CAFÉ rating of alternative fuel vehicles. Some examples of alternative fuel vehicles with higher ratings include the 2012 E85 Chevrolet Impala, awarded a CAFÉ rating of 37.1 mpg, and the 2012 E85 Dodge Grand Caravan, awarded a CAFÉ rating of 33.9 mpg.

All agencies made purchases that, on average, exceeded CAFÉ standards. For additional information, the CAFÉ ratings earned by each agency and the total ratings earned by the entire state fleet are shown in the fuel economy tables in Appendix D.

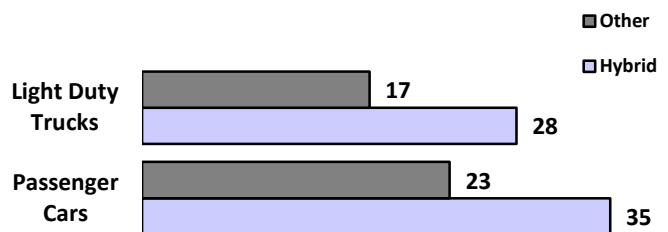
Figure 1.
Average Fleet Fuel Economy of New Acquisition Vehicles in Miles per Gallon



To help reduce fleet operation costs, some agencies are countering higher fuel prices by placing more emphasis on driving fuel-efficient hybrid vehicles. Overall, as shown in Figure 2, state hybrid passenger cars achieved an average of 12 mpg greater than that of other gasoline-powered passenger cars operated by the state fleet. In the light-duty truck category, state hybrid vehicles achieved an average of 11 mpg greater than the state's other gasoline-powered light-duty trucks.

Hybrid-electric vehicles (HEVs) are primarily propelled by an internal combustion engine, just like conventional vehicles. However, HEVs also convert energy normally wasted during coasting and braking into electricity, which is stored in a battery until needed by the electric motor. The electric motor is used to assist the engine when accelerating or hill climbing and in low-speed driving conditions where internal combustion engines are least efficient. Unlike all-electric vehicles, HEVs do not need to be plugged into an external source of electricity to be recharged; conventional gasoline and regenerative braking provide all the energy the vehicle needs.

Figure 2 - Missouri State Fleet
Average Fleet Fuel Economy of Hybrid and Other Gasoline Vehicles



(Source: Fuel Economy Guide, U.S. Department of Energy & U.S. Environmental Protection Agency)

Alternative Fuel Use and Alternative Fuel Vehicle Acquisitions

As defined by Section 414.400, RSMo, **alternative fuels** are those motor vehicle fuels that are not substantially unleaded gasoline or diesel, and otherwise contribute to potential energy security and environmental benefits. The department prepares and distributes this annual state fleet report to document progress in achieving the requirements and goals of the statute, which include the state agencies' use of alternative fuels.

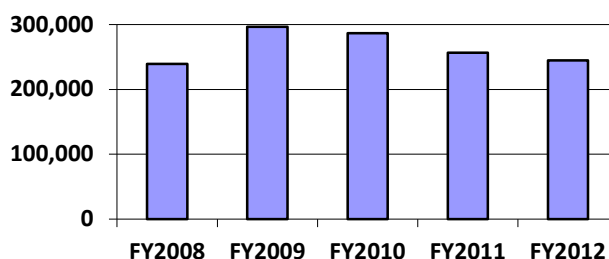
Both an alternative fuel and a renewable fuel, E85 is produced from 85 percent ethanol blended with 15 percent unleaded gasoline. As shown in Figure 3, during the 2012 fiscal year, state-owned E85 vehicles were refueled with 229,369 gallons of E85 (including exempt E85 vehicle usage). Because of limited availability and other refueling issues, state-owned, eligible E85 vehicles were also refueled with 1,237,958 gallons of unleaded gasoline.

Biodiesel, another alternative fuel with renewable fuel content, is used in state-owned diesel vehicles even though diesel vehicles are not classified as alternative fuel vehicles and are generally exempt under the statute.

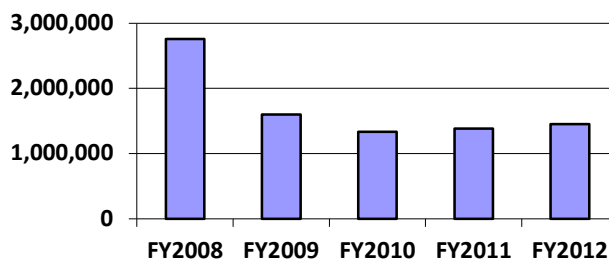
Biodiesel blended at levels of 20 percent or greater is defined by the U.S. Department of Energy as both an alternative and renewable fuel. For federal reporting purposes, the gallons of biodiesel used at the 20 percent or greater blend levels are combined and converted to a 100 blend level equivalent in gallons and as reflected in this report. When converted to the 100 percent blend level, state diesel vehicles were refueled with 290,712 gallons of biodiesel during the reporting period. As shown in Figure 4, this equates to 1,453,560 gallons of biodiesel blended at the 20 percent level.

Throughout the 2012 fiscal year, MoDOT used 290,045 gallons of biodiesel (converted to the 100 percent blend level). Factors limiting MoDOT's diesel and biodiesel consumption during winter months include using the most fuel efficient equipment to do the job; performing work that required lighter fleet equipment; replacing diesel units with gasoline units; and installing automatic idle shut down features on heavy equipment. The Department of Conservation reported 667 gallons of biodiesel used.

**Figure 3 - Missouri State Fleet
Gallons of Ethanol 85 Used in Ethanol 85
Vehicles**



**Figure 4 - Missouri State Fleet
Gallons of Biodiesel (B20) Used in Diesel
Vehicles**

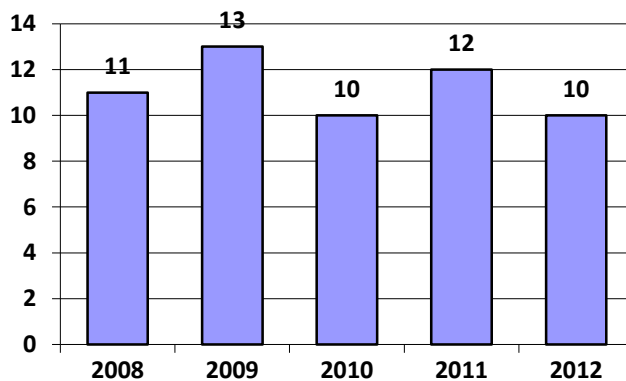


In addition to the alternative fuels that are processed from renewable sources, another group of alternative fuels effectively reduces automobile emissions. This group includes propane, compressed natural gas, and electricity. During the reporting period, state vehicles were refueled with 578 gallons of propane; zero cubic feet of compressed natural gas; and 4,127 kilowatt hours (kWh) of electricity. Propane is offered at many retail outlets throughout the state while compressed natural gas is currently offered at only one retail refueling site.

Another important aspect of alternative fuel use in state-owned vehicles is the percent of alternative fuel used in those vehicles. Many AFVs can be refueled with either the designated alternative fuel or regular unleaded gasoline. State statutes specify that 30 percent of all fuel used in state-owned AFVs should be the designated alternative fuel. As shown in Figure 5, the percent of alternative fuel used in state operated eligible alternative fuel vehicles was 10 percent throughout fiscal year 2012. The statute, however, provides for state agencies to take credit towards meeting their 30 percent purchasing goal by reporting the alternative fuel used in exempt vehicles. When the biodiesel used to refuel exempt diesel vehicles and the other fuels used in exempt AFVs are included in the calculation, the percent of alternative fuel that qualifies as used in AFVs rises from 10 percent to 26 percent.

A breakout of the alternative fuel usage by alternative fuel types, shows the percent of alternative fuel used in state alternative fuel vehicles was 10 percent E85 in flexible fuel E85 vehicles, four percent propane in dual-fuel propane vehicles, and zero percent compressed natural gas (CNG) in dual-fuel CNG vehicles. None of the categories include biodiesel or exempt vehicle usage. See Table 5 for the corresponding consumption numbers shown in gallons for gasoline and in GGE for the alternative fuels.

**Figure 5 - Missouri State Fleet
The Percent of Alternative Fuel Use in Alternative
Fuel Vehicles
Biodiesel and Exempt Usage Not Included**



Vehicle Fuel Type	Number of Vehicles	GAS/DSL (gal/GGE)	Alternative Fuel in GGE	Total Fuel in GGE	% Alternative Fuel Use
B20 (exempt vehicles)	2,469	1,431,406	1,627,987	3,059,393	53%
E85	2,436	1,237,959	139,593	1,377,552	10%
E85 (exempt vehicles)	1,923	2,324,211	23,950	2,348,161	1%
Propane	11	9,567	357	9,924	4%
Propane (exempt vehicles)	6	1,847	90	1,937	5%
CNG	2	57	0	57	0%
Electric	18	0	122	122	100%
Total (Eligible vehicles only)	2,467	1,247,583	140,072	1,387,655	10%
Total (Exempt vehicles only)	4,398	3,757,464	1,652,027	5,409,491	31%
Total	6,865	5,005,047	1,792,099	6,797,146	26%

Missouri statutes also describe acquisition requirements for AFVs. Effective January 1, 2008, the commissioner of OA has been required to ensure that at least 70 percent of new state fleet vehicles are flexible fuel vehicles. Of the 30 reporting state entities, 17 entities met or exceeded the statutory requirement. Thirteen entities were not required to meet the statutory requirement because they either did not purchase any new vehicles or they operated 15 or fewer eligible vehicles. The actual breakouts for each state entity, the acquisitions of alternative fuel vehicles and the percent of alternative fuel use are shown in Appendix D.

Table 6. Number of Alternative Fuel Vehicles Stationed at Missouri Fleet Locations					
	FY'08	FY'09	FY'10	FY'11	FY'12
Jefferson City	875	762	1,651	1,842	1,697
Kansas City	322	349	385	402	422
St. Louis	229	245	279	244	370
Other	1,306	1,414	1,859	1,653	1,915
Total	2,732	2,770	4,174	4,141	4,404

As shown in Table 6, state agencies have alternative fuel vehicles stationed at several locations in Missouri. Whether or not alternative fuel vehicles can be refueled with the designated alternative fuel is almost entirely dependent on where the vehicles are located. State employees are best able to refuel the vehicles with the designated alternative fuel if doing so is convenient. Vehicle location is also important with the EPA air quality requirements for both Kansas City and St. Louis. Jefferson City, because it is the state capital, is the hub of state government activities. Many agencies locate at least some, if not all, of their vehicles in the Jefferson City area. The types of refueling sites in the Jefferson City area include E85, propane and biodiesel.

In order to compare the operating cost of alternative fuel vehicles to traditional fuel vehicles, operating cost data submitted by the agencies to DE is converted into an average operating cost per mile.

As shown in Table 7, vehicle operating costs are broken out by maintenance, fuel and the total cost.

Table 7. Average Eligible Vehicle Operating Cost In Cents per Mile Throughout Fiscal Year 2012			
Vehicle Type	Maintenance	Fuel	Total
Hybrid Auto	4.2	9.6	13.8
Hybrid Truck	2.4	12.1	14.5
E85 Auto	4.1	12.7	16.8
Gas Auto	5.3	13.4	18.7
E85 Truck	4.5	16.1	20.6
Electric	19.2	1.6	20.8
Gas Truck	8.3	16.8	25.1
Diesel Truck	13.8	27.4	41.2
LPG Truck	9.6	43.5	53.1
CNG Auto	87.1	14.2	101.3

Program Status

Sections 414.410 - 414.417, RSMo, establish guidelines for the current vehicle fuel efficiency and alternative fuel vehicles program. The established program includes the writing and distribution of an annual state fleet report, vehicle fuel efficiency standards for new vehicle acquisitions, requirements for alternative fuel use in alternative fuel vehicles and purchasing requirements for the acquisition of alternative fuel vehicles.

Participating state agencies submitted annual operating data on agency vehicle operations and acquisitions made during fiscal year 2012. In recent years, most vehicle purchases have met CAFÉ standards, and as a result the actual average fuel efficiency realized for cars and light trucks operated by agencies is expected to significantly increase in the coming years. Compliance with the purchasing requirements is administered by OA, MoDOT, Department of Conservation and higher education institutions.

The numbers and types of alternative fuel vehicles currently available to state agencies and the public from manufacturers are steadily increasing. All major U.S. vehicle manufacturers are producing alternative fuel vehicles. The number of available alternative fuel stations is also increasing.

The Alternative Fuels Data Center publishes a listing of E85 refueling locations at www.afdc.energy.gov/locator/stations/. At the time of printing this report, one hundred and seven E85 refueling stations were operating in the state.

The Missouri Soybean Association publishes a listing of biodiesel suppliers at www.mosoy.org.

Sixty-three propane refueling sites are located throughout Missouri. The Missouri Propane Gas Association (www.missouripropane.com) in Jefferson City has an on-line directory of propane refueling locations.

As part of an ongoing effort to increase alternative fuel usage among state employees, the department has actively promoted the use of alternative fuels in state vehicles. The department and industry representatives are working to encourage further use of alternative fuels in the appropriate AFVs. Information tools made available to encourage such use include the following:

- Colored labels for vehicle packets are available from DE to identify AFVs and provide local directions to refueling facilities. E85 magnets, static window stickers, and fuel door stickers are also available from DE.
- E85 pumps at each gas station are prominently labeled.
- DE urges state agencies that use packets for vehicle checkouts to include the E85 station listing in all of the E85 vehicle packets.
- Links to online E85 station listings (available at www.afdc.energy.gov/locator/stations/) is available for agencies to distribute through agency e-mails.
- MoDOT continues to install signage for E85 along divided highways at exits where alternative fuels are available. In addition, the department has designed alternative fuel signs for state agencies to place at their respective fleet lots. These signs remind state employees to refuel with the appropriate alternative fuel in AFVs whenever possible.

Program Recommendations

The following recommendations are based primarily on guidance provided within Missouri Revised Statutes, Sections 414.400 – 414.417, and the annual reports submitted by the agencies to the department's Division of Energy.

- Encourage state employees to carpool and use mass transit.
(Note: For the commute to and from work, the DE encourages state agencies to inform their employees of the *iCarpool.com* website, which can be found at the following link, to help commuters locate and connect with other potential carpoolers: <http://www.icarpool.com/>. The department made available \$5,195 for the administration and expansion of the Missouri *iCarpool* Program operated by MoDOT.)
- Expand the use of telecommunication systems to decentralize work and reduce the need for travel to meetings, conferences and other offices. Consider options, such as e-mail, facsimile and teleconferencing, to reduce the need for travel.
- Continue to provide information and promote activities that effectively increase the use of alternative fuel vehicles. DE and other organizations should continue to encourage agencies to purchase alternative fuel vehicles and promote the use of alternative fuel as a replacement for traditional vehicle fuels.
- Promote training of state employees in the operation of alternative fuel vehicles and refueling with alternative fuels to increase their comfort in using alternative fuels.
- Advance placement of alternative fuel vehicles at agency locations closest to refueling locations selling the alternative fuel used.
- Foster installation of additional alternative fuel refueling stations across the state.

Appendices

Appendix A

Federal and Missouri Alternative Fuel Acts: Comparison of Key Provisions

Clean Air Act	Energy Policy Act	Missouri Sections 414.400 – 417, RSMo, 1999
Applicability		
Twenty-two metropolitan areas with populations of 250,000 or more (1980 census) with either serious, severe or extreme ozone or carbon monoxide areas.	Metropolitan areas with a 1980 population of 250,000 or more.	All state-owned vehicles throughout the state.
Fleets Subject to Act		
Fleets of 10 or more vehicles that are centrally fueled or capable of being centrally fueled.	Fleets with at least 20 vehicles that are centrally fueled or capable of being centrally fueled in a metropolitan area; however, this requirement applies only if a fleet also has at least 50 vehicles within the United States.	State-owned fleets with more than 15 vehicles.
Exemptions		
Vehicles that are garaged at a personal residence overnight are to be considered not capable of central fueling.	Private fleet vehicles that are garaged at home overnight are exempted.	Off-road vehicles, maintenance and construction vehicles and transport trailers.
Law enforcement vehicles.	Law enforcement vehicles. The secretary of energy may terminate this exemption.	Law enforcement vehicles.
Emergency vehicles.	Emergency vehicles.	Emergency vehicles.
Fuels		
Any fuel that meets the emission standard may be used, including reformulated gasoline, clean diesel, ethanol, methanol, propane, electricity and natural gas.	Alternative fuels include methanol, ethanol, natural gas, propane, biodiesel and electricity. Reformulated gasoline is not considered to be an alternative fuel.	Alternative fuels include 85 percent methanol, 85 percent ethanol, natural gas, propane, 20 percent biodiesel, hydrogen and electricity. Reformulated gasoline is not considered to be an alternative fuel.

Clean Air Act	Energy Policy Act	Missouri Sections 414.400 – 417, RSMo, 1999
Weight Limits		
Includes automobiles and trucks up to 26,000 pounds gross vehicle weight.	Includes vehicles with a gross vehicle weight of less than or equal to 8,500 pounds.	For reporting purposes, state agencies are including only those eligible vehicles less than or equal to 8,500 pounds GVWR.
Purchase Dates		
Beginning with model year 1998.	<p>Federal fleet – 1993; state fleets - model year 1996.</p> <p>Private and municipal fleets - model year 1999 or later (subject to ruling by the secretary of energy that a private/municipal fleet program is needed.)</p> <p>Fuel provider fleets – model year 1996.</p>	<p>Acquire vehicles capable of using alternative fuels:</p> <p>70 percent after Jan.1, 2008. By July 1, 2002, 30 percent of fuel used in AFVs must be an alternative fuel.</p>
Vehicle And Fuel Availability		
There are no exemptions provided in the law in the event vehicles or fuel are not available.	The secretary of energy must exempt a fleet if vehicles or fuels are not available.	<p>The department's director may reduce any percentage specified or waive requirements upon receipt of certification supported by evidence to the director that:</p> <ol style="list-style-type: none"> 1) Fuels are not available. 2) Fuels do not meet cost limitations. 3) Fuels do not meet energy conservation or emissions criteria.

Missouri Revised Statutes
Chapter 414
Fuel Regulation and Conservation
Section 414.400

August 28, 1999

Definitions--program for state fuel consumption reduction, fleet management and promotion of alternative fuels, University of Missouri, included duties--exceptions for certain vehicles.

414.400. 1. As used in sections 414.400 to 414.417, the following terms mean:

- (1) "Alternative fuel," any fuel, including any alcohol fuel containing eighty-five percent or more by volume of such alcohol or other such percentage not less than seventy percent if determined by the United States Department of Energy by rule to be necessary to provide for the requirements of cold start, safety, or vehicle functions, natural gas, liquefied petroleum gas, any fuel other than alcohol derived from biological materials when designated by the United States Department of Energy as an alternative fuel, and hydrogen, or any power source, including electricity, and any other fuel that the United States Department of Energy determines by final rule is substantially not petroleum and would yield substantial energy security and environmental benefits, used in a vehicle that complies with the standards and requirements applicable to such vehicle pursuant to sections 414.400 to 414.417 when using such fuel or power source;
- (2) "CAFÉ standard," the federal Corporate Average Fuel Economy standard, 15 U.S.C. 2002 or 40 CFR Parts 86 and 600 or 49 CFR Part 538 or proposed rule 49 CFR Part 538 until such rule is finalized;
- (3) "Department", the department of natural resources;
- (4) "Director", the director of the department of natural resources;
- (5) "State agency", the same meaning as such term is defined in section 536.010, RSMo;
- (6) "Vehicle fleet", any fleet comprised of vehicles with a manufacturer's gross vehicle weight rating of not more than eight thousand five hundred pounds registered for operation on the highways of this state pursuant to chapter 301, RSMo.

2. The department in consultation with the commissioner of administration shall develop and implement a program to manage and progressively reduce state agency vehicle fleet fuel consumption and promote the use of alternative fuels. The program shall require state agencies to meet minimum guidelines for efficient fleet management. Such guidelines shall be updated and revised every two years and shall require the overall vehicle fleet fuel efficiency for each agency to meet or exceed the fuel efficiency that would be achieved if each vehicle in the agency's fleet met the CAFÉ standard. The department may promulgate rules necessary to implement such guidelines. Further, provided that suppliers or state agencies have or can reasonably be expected to have established alternative fuel refueling stations as needed, the program shall require that at least thirty percent of all motor fuel purchased annually for use in alternative fuel vehicles, calculated in gasoline gallon equivalents, to be alternative fuel by July 1, 2001. Any alternative fuel purchased by a state agency for use in vehicles not included in their vehicle fleet as defined in subsection 1 of this section, calculated in gasoline gallon equivalents, may be credited toward the annual alternative fuel purchase goal. The program shall systematically replace existing state-owned vehicles and vehicles paid for with any state money, including vehicles purchased by the university system, with vehicles manufactured, assembled or produced in the United States, as required by sections 34.350 to 34.359, RSMo.

3. The commissioner of administration shall identify specific vehicle models within each vehicle procurement class that meet or exceed the CAFÉ standard. State agencies shall identify specific vehicle models within each vehicle procurement class that have a life cycle cost which is less than or equal to the average life cycle cost of those vehicles in the class which are manufactured, assembled or produced in the United States. Life cycle costs shall include but are not limited to the original cost of the vehicle, conversion cost if applicable, costs associated with vehicle emissions to the extent that such statistics are available, and projected cost of operation, including fuel cost and maintenance and salvage value to the extent that reliable maintenance and salvage value statistics are available. Unless a state agency submits to the department a fleet efficiency plan that complies with the minimum guidelines for energy efficiency established pursuant to subsection 2 of this section, or unless otherwise approved by the office of administration pursuant to subsection 4 of this section, all purchases of vehicles for state agency vehicle fleets shall meet the above standards.

4. The commissioner of administration may waive the CAFÉ standard requirements of subsection 3 of this section, for only those vehicles which satisfy one or more of the following conditions, for any state agency upon receipt of documentation that has been certified by the director of the state agency as satisfying one or more of the following conditions:

- (1) Such vehicles are used primarily in off-road, construction, or road maintenance applications;
- (2) Such vehicles are regularly used in the movement of maintenance or construction equipment;
- (3) Such vehicles are trucks or utility vehicles as defined by the office of administration that are regularly used to transport trailers for the purpose of moving state equipment; or
- (4) Such vehicles are vehicles with manufacturer-stated seating capacity exceeding that for six persons and the director of the agency has certified that the vehicle will be used to transport its rated capacity in persons and/or cargo. Agencies which are granted such waivers shall comply with the planning requirements of section 414.403.

5. The purchase of all class III vehicles, as defined by the office of administration, shall be approved through the appropriations process for all departments except the highway patrol. The provisions of this subsection shall not apply to the purchase of used vehicles from the highway patrol.

(L. 1991 H.B. 45 § 1, A.L. 1998 S.B. 619) Effective 1-1-99

Chapter 414
Fuel Regulation and Conservation
Section 414.403

August 28, 1996

Vehicle fleet energy conservation plan to be developed by each state agency, purpose of plan, content--plan to be submitted to department of natural resources, when.

414.403. 1. Each state agency, with assistance from the department of natural resources, shall develop and implement a vehicle fleet energy conservation plan for the purposes of reducing vehicle fuel consumption. Plans shall be submitted to the director of the department of natural resources by January 1, 1993. Such plans shall include:

- (1) A timetable by which fleet vehicles shall be replaced with vehicles which exceed the average fuel economy for their vehicle class as outlined in section 414.400;
- (2) Options for the use of demonstrated innovative technologies that promote energy conservation and reduced fuel consumption;
- (3) Methods that promote efficient trip planning and state vehicle use; and
- (4) Car-pooling and van pooling for agency employees for commuting and job-related travel.

2. The department of conservation and the department of highways and transportation may develop their own vehicle fleet energy conservation plan. Such plans shall meet the objectives of sections 414.400 to 414.417 and shall comply with the reporting requirements of sections 414.400 to 414.417.

(L. 1991 H.B. 45 § 2)

Chapter 414
Fuel Regulation and Conservation
Section 414.406

Vehicle fleet plan reviewed--office of administration to purchase only vehicles conforming to plan--annual report, content.

414.406. 1. The director of the department of natural resources shall review each agency's vehicle fleet plan and the vehicular demands of the agency by vehicle class. The office of administration shall only purchase for an agency those vehicles which conform to the agency's plan as outlined in sections 414.400 and 414.403.

2. Each state agency shall annually file a report with the director of the department of natural resources on forms provided by the department showing its progress in achieving the requirements and goals of sections 414.400 to 414.417. The director of the department of natural resources shall compile such information into an annual report and submit such report to the commissioner of administration, the secretary of the senate, the clerk of the house of representatives and the chairman of each committee of jurisdiction of the general assembly.

3. The director's report shall document progress in achieving the requirements and goals of sections 414.400 to 414.417 and shall include, but not be limited to, annual fuel consumption, number of vehicles, vehicle miles traveled, average fleet fuel economy, estimated cost savings and state use of alternative fuels.

(L. 1991 H.B. 45 § 3)

Chapter 414
Fuel Regulation and Conservation
Section 414.410

Motor vehicle alternative fuel use plan to be developed by department of natural resources-- powers and duties--state agency fleets of fifteen or more vehicles, time table for using alternative fuels.

414.410. 1. The director shall develop a motor vehicle alternative fuel use plan. The director shall cooperate with state agency fleet operators, vehicle manufacturers and converters, fuel distributors and others to identify the types of vehicles which could be converted to alternative fuels. The director shall consider range, specialty uses, fuel availability, vehicle cost, vehicle manufacturing and conversion capability, safety, resale values, and other relevant factors.

2. The department shall recommend alternative fuels which state agencies and state universities may consider when purchasing vehicles. The department shall consider the content of vehicle exhaust emissions, the relative efficiency of the fuel, the relative efficiency of the processes required to produce the fuel and the characteristics of air emissions associated with the production of that fuel. It shall recommend for state use those alternative fuels which best satisfy the goals of energy conservation and emissions reduction.

3. Any state agency which operates a fleet of more than fifteen motor vehicles shall acquire vehicles capable of using alternative fuels as follows (has since been revised to 70%):

- (1) At least ten percent of the agency's fleet vehicles acquired between July 1, 1994, and July 1, 1996;
- (2) At least thirty percent of the agency's fleet vehicles acquired between July 1, 1996, and July 1, 1998; and
- (3) At least fifty percent of the agency's fleet vehicles acquired between July 1, 1998, and July 1, 2000, and each biennial period thereafter.

If a state agency exceeds any such biennial acquisition goal, or has purchased vehicles capable of using alternative fuels before July 1, 1994, such purchases may be credited to any future biennial acquisition goal. If a state agency has purchased vehicles capable of using alternative fuels but not included in their vehicle fleet as defined in subsection 1 of section 414.400, such purchases may be credited toward any biennial acquisition goal. If a state agency fails to meet a biennial acquisition goal, the commissioner of administration shall not authorize for such agency the purchase of any vehicle not capable of using alternative fuels until such acquisition goal is met, unless the director has reduced or waived the acquisition goal pursuant to subsection 1 of section 414.412. (L. 1991 H.B. 45 § 4 subsecs. 1, 2, 3, A.L. 1998 S.B. 619) Effective 1-1-99

Chapter 414
Fuel Regulation and Conservation
Section 414.412

Alternative use of fuel, waived or percentage reduced by director of natural resources, certified evidence required--other vehicles, ethanol use required, exceptions.

414.412. 1. The director may reduce any percentage specified or waive the requirement of subsection 3 of section 414.410 for any state agency upon receipt of certification supported by evidence acceptable to the director that:

- (1) The agency's vehicles will be operating primarily in an area in which neither the agency nor a supplier has or can reasonably be expected to have a central refueling station for alternative fuels; or
- (2) The agency is unable to acquire or operate vehicles within the cost limitations of section 414.400 or section 414.415; or
- (3) The use of alternative fuels would not meet the energy conservation and exhaust emissions reduction criteria of subsection 2 of section 414.410.

2. State agencies shall submit information describing the acquisition and use of vehicles capable of using alternative fuels to the department in a format prescribed by the department. The report shall include for each vehicle model capable of using alternative fuel:

- (1) The types of alternative fuels used;
- (2) The number of miles traveled using alternative fuels and the ratios to the total numbers of miles traveled;
- (3) The number of vehicles owned which are capable of using alternative fuels;
- (4) Maintenance costs.

3. Each state-owned vehicle equipped to operate on gasoline, other than vehicles using alternative fuel, shall use a fuel ethanol blend as defined in section 142.027, RSMo, when available at a competitive price, as its motor fuel, unless the United States Environmental Protection Agency, or the governor by executive order, promulgates rules which prohibit, limit or otherwise regulate the use of ethanol-blended fuels in ozone nonattainment areas, as defined by Section 107 of the federal Clean Air Act, as amended, or in an* area designated as a maintenance area for ozone under Section 175A of the federal Clean Air Act, as amended, state-owned vehicles shall not be required to use a fuel ethanol blend.

(L. 1991 H.B. 45 § 4 subsecs. 4, 5, 6, A.L. 1993 H.B. 611, A.L. 1998 S.B. 619) Effective 1-1-99

Chapter 414

Fuel Regulation and Conservation

Section 414.415

Percentage requirements: how state agencies to comply.

414.415. State agencies may meet the percentage requirements of sections 414.410 to 414.415 through purchase of original equipment manufactured alternative fuel vehicles or the conversion of vehicles, in accordance with federal and state requirements and applicable safety laws. Vehicles purchased pursuant to sections 414.410 to 414.415 shall not exceed the cost of conventional fuel vehicles of the same make and model by more than ten percent, using life cycle costing methods calculated pursuant to criteria in subsection 3 of section 414.400, except that vehicles purchased pursuant to sections 414.410 to 414.415 that are based for the life of the vehicle and used primarily in maintenance and nonattainment areas defined with regard to the National Ambient Air Quality Standards of the federal Clean Air Act, as amended, 42 U.S.C. 7401 et seq., shall not exceed such cost of conventional fuel vehicles of the same make and model by more than seventeen percent. The commissioner of administration in purchasing, leasing, maintaining or converting vehicles for alternative fuels use shall comply with all applicable safety standards promulgated by the United States Department of Transportation.

(L. 1991 H.B. 45 § 4 subsec. 7, A.L. 1998 S.B. 619)

Effective 1-1-99

Chapter 414

Fuel Regulation and Conservation

Section 414.417

Criminal law enforcement vehicles and certain other vehicles, law not applicable--demonstration vehicles for alternative fuels authorized.

414.417. 1. Sections 414.400 to 414.417 shall not apply to the purchase or lease of a vehicle to be used primarily for criminal law enforcement or to the purchase or lease of a motorcycle, all-terrain vehicle, ambulance, or any type of vehicle for which the Environmental Protection Agency has not published fuel economy comparisons.

2. Notwithstanding the provisions of sections 414.400 to 414.417, the department of natural resources may acquire vehicles which use alternative fuels for the purposes of assessing and demonstrating either or both alternative vehicles and alternative fuels.

(L. 1991 H.B. 45 § 5)

Appendix B

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**MISSOURI STATE FLEET
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars an d Station Wagons	452		4,835,185	212,533		\$649,077		\$255,001
	LDTs, Vans an d SUVs	1,333		8,649,683	511,420		\$1,510,033		\$731,885
	Exempt Vehicles	2,644	1,555		3,436,037		\$11,165,147		\$2,730,406
Hybrid	Cars an d Station Wagons	17		172,082	4,933		\$16,528		\$7,171
	LDTs, Vans an d SUVs	14		183,776	6,566		\$22,317		\$4,480
	Exempt Vehicles	23	1		3,115		\$9,597		\$2,822
Diesel	Cars an d Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans an d SUVs	15		90,603	8,857	0	\$24,837	\$0	\$12,485
	Exempt Vehicles	124	2,345		2,429,131	290,712	\$8,409,155	\$1,016,167	\$5,520,243
E85	Cars an d Station Wagons	1,744		25,355,505	860,038	148,663	\$2,786,438	\$446,101	\$1,034,168
	LDTs, Vans an d SUVs	692		8,130,908	377,920	47,116	\$1,174,957	\$142,712	\$361,952
	Exempt Vehicles	1,869	54		2,324,211	33,590	\$7,572,078	\$100,072	\$1,264,953
CNG	Cars an d Station Wagons	2		1,275	57	0	\$182	\$0	\$1,111
	LDTs, Vans an d SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars an d Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans an d SUVs	11		72,005	9,567	462	\$30,439	\$885	\$6,929
	Exempt Vehicles	3	3		1,847	116	\$6,079	\$184	\$2,139
Electric	LDTs, Vans an d SUVs	18		12,997		4,127		\$202	\$2,492

Many management functions of the Missouri State Fleet in Jefferson City are centralized under the Office of Administration. Day-to-day decisions and record keeping tasks are performed by each agency. Therefore, the operations data used to generate this table were provided by the Missouri State Agencies that use on-road and off-road vehicles to accomplish their official duties.

Exempt vehicles are those vehicles that for reasons given in RSMo 414.400 - 414.417 are exempt from vehicle fuel efficiency and alternative fuel requirements. Eligible vehicles include only those vehicles that are eligible to meet vehicle fuel efficiency and alternative fuel requirements specified in RSMo 414.400-414.417.

At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

State organizations included under the category of other state organizations are the State Offices of the Governor, Lieutenant Governor, Legislature and Judiciary.

SUMMARY TABLE

ATTORNEY GENERAL

VEHICLE OPERATIONS

Fiscal Year 2012

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	10	1		4,606		\$14,817		\$9,340
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	19	0		10,002	0	\$32,362	\$0	\$8,663
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

Many management functions of the Missouri State Fleet in Jefferson City are centralized under the Office of Administration. Day-to-day decisions and record keeping tasks are performed by each agency. Therefore, the operations data used to generate this table were provided by the Missouri State Agencies that use on-road and off-road vehicles to accomplish their official duties.

Exempt vehicles are those vehicles that for reasons given in RSMo 414.400 - 414.417 are exempt from vehicle fuel efficiency and alternative fuel requirements. Eligible vehicles include only those vehicles that are eligible to meet vehicle fuel efficiency and alternative fuel requirements specified in RSMo 414.400-414.417.

At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

State organizations included under the category of other state organizations are the State Offices of the Governor, Lieutenant Governor, Legislature and Judiciary.

**SUMMARY TABLE
VEHICLE OPERATIONS**

**SECRETARY OF STATE
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	5		36,326	1,263		\$4,361		\$3,613
	LDTs, Vans and SUVs	1		8,637	344		\$1,148		\$1,506
	Exempt Vehicles	2	0		809		\$2,789		\$939
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	1		842	0	\$3,208	\$0	\$5,388
E85	Cars and Station Wagons	7		74,665	1,084	1,900	\$3,606	\$5,661	\$4,117
	LDTs, Vans and SUVs	2		18,324	75	1,106	\$246	\$3,318	\$968
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

Many management functions of the Missouri State Fleet in Jefferson City are centralized under the Office of Administration. Day-to-day decisions and record keeping tasks are performed by each agency. Therefore, the operations data used to generate this table were provided by the Missouri State Agencies that use on-road and off-road vehicles to accomplish their official duties.

Exempt vehicles are those vehicles that for reasons given in RSMo 414.400 - 414.417 are exempt from vehicle fuel efficiency and alternative fuel requirements. Eligible vehicles include only those vehicles that are eligible to meet vehicle fuel efficiency and alternative fuel requirements specified in RSMo 414.400-414.417.

At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

State organizations included under the category of other state organizations are the State Offices of the Governor, Lieutenant Governor, Legislature and Judiciary.

**SUMMARY TABLE
VEHICLE OPERATIONS**

**STATE AUDITOR
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	1		1,127	79		\$273		\$1,119
	Exempt Vehicles	0	0		0		\$0		\$0
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

Many management functions of the Missouri State Fleet in Jefferson City are centralized under the Office of Administration. Day-to-day decisions and record keeping tasks are performed by each agency. Therefore, the operations data used to generate this table were provided by the Missouri State Agencies that use on-road and off-road vehicles to accomplish their official duties.

Exempt vehicles are those vehicles that for reasons given in RSMo 414.400 - 414.417 are exempt from vehicle fuel efficiency and alternative fuel requirements. Eligible vehicles include only those vehicles that are eligible to meet vehicle fuel efficiency and alternative fuel requirements specified in RSMo 414.400-414.417.

At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

State organizations included under the category of other state organizations are the State Offices of the Governor, Lieutenant Governor, Legislature and Judiciary.

**SUMMARY TABLE
VEHICLE OPERATIONS**

**STATE TREASURER
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	1		1,231	154		\$489		\$474
	Exempt Vehicles	0	0		0		\$0		\$0
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	1		24,303	831	110	\$2,653	\$302	\$560
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels. State organizations included under the category of other state organizations are the State Offices of the Governor, Lieutenant Governor, Legislature and Judiciary.

**SUMMARY TABLE
VEHICLE OPERATIONS**

**DEPARTMENT OF AGRICULTURE
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	7		100,535	3,848		\$12,839		\$3,331
	LDTs, Vans and SUVs	39		433,113	23,854		\$78,805		\$19,998
	Exempt Vehicles	1	19		32,558		\$108,447		\$18,608
Hybrid	Cars and Station Wagons	1		20,986	756		\$2,557		\$186
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	17		32,793	0	\$121,270	\$0	\$32,328
E85	Cars and Station Wagons	77		1,465,675	53,464	809	\$178,209	\$2,471	\$47,039
	LDTs, Vans and SUVs	49		875,772	42,996	1,275	\$138,741	\$3,945	\$24,389
	Exempt Vehicles	5	1		8,954	21	\$28,929	\$58	\$4,323
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**DEPARTMENT OF CONSERVATION
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	3		43,084	2,043		\$6,856		\$1,244
	LDTs, Vans and SUVs	47		195,393	10,237		\$33,509		\$16,889
	Exempt Vehicles	493	258		796,637		\$2,630,990		\$845,082
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	139		205,996	667	\$750,595	\$2,474	\$239,023
E85	Cars and Station Wagons	20		281,185	10,517	72	\$33,888	\$214	\$14,300
	LDTs, Vans and SUVs	46		533,926	24,893	291	\$82,025	\$875	\$22,092
	Exempt Vehicles	177	2		176,506	293	\$585,612	\$847	\$163,489
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**DEPARTMENT OF CORRECTIONS
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	39		628,483	28,407		\$91,384		\$35,379
	LDTs, Vans and SUVs	51		283,895	18,877		\$61,030		\$22,257
	Exempt Vehicles	202	152		241,998		\$758,132		\$190,999
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		2,606	432	0	\$1,463	\$0	\$1,460
	Exempt Vehicles	0	99		233,182	0	\$792,872	\$0	\$206,901
E85	Cars and Station Wagons	136		2,384,467	81,840	16,194	\$268,420	\$49,387	\$94,891
	LDTs, Vans and SUVs	86		1,730,976	72,500	13,173	\$233,028	\$40,238	\$48,832
	Exempt Vehicles	4	10		12,991	65	\$41,327	\$195	\$4,597
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	8		61,907	8,698	399	\$27,608	\$678	\$5,650
	Exempt Vehicles	0	3		454	116	\$1,579	\$184	\$1,734
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**DEPARTMENT OF ECONOMIC DEVELOPMENT
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	4		12,087	480		\$1,644		\$2,500
	LDTs, Vans and SUVs	4		44,420	2,121		\$6,730		\$1,201
	Exempt Vehicles	1	0		29		\$111		\$0
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	20		234,260	7,207	2,066	\$23,382	\$6,087	\$9,821
	LDTs, Vans and SUVs	5		41,348	1,840	0	\$6,102	\$0	\$1,444
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	16		174,804	5,789		\$18,535		\$8,459
	LDTs, Vans and SUVs	7		15,567	757		\$2,520		\$2,059
	Exempt Vehicles	2	6		796		\$2,404		\$1,906
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	55		42,495	0	\$167,528	\$0	\$125,212
E85	Cars and Station Wagons	41		598,947	19,056	3,952	\$59,716	\$11,547	\$23,176
	LDTs, Vans and SUVs	18		204,171	7,898	1,736	\$24,391	\$5,232	\$8,967
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**DEPARTMENT OF HEALTH AND SENIOR SERVICES
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	18		247,136	8,529		\$28,565		\$15,277
	LDTs, Vans and SUVs	2		10,012	829		\$2,832		\$1,977
	Exempt Vehicles	0	2		2,075		\$7,019		\$860
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	1		1,229	0	\$4,673	\$0	\$773
E85	Cars and Station Wagons	58		1,322,797	43,386	5,623	\$145,223	\$17,427	\$53,328
	LDTs, Vans and SUVs	6		98,498	4,005	532	\$13,436	\$1,627	\$5,263
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**DEPARTMENT OF HIGHER EDUCATION
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	2		15,076	568		\$1,893		\$1,601
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	1		12,145	438	0	\$1,483	\$0	\$519
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**DEPARTMENT OF INSURANCE
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	5		25,388	1,006		\$3,375		\$2,435
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Hybrid	Cars and Station Wagons	2		22,946	748		\$2,619		\$274
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	41		647,313	24,765	216	\$82,910	\$723	\$25,391
	LDTs, Vans and SUVs	6		47,420	2,363	0	\$8,067	\$0	\$2,809
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	5		75,375	3,123		\$10,554		\$5,667
	LDTs, Vans and SUVs	14		208,683	10,071		\$34,058		\$11,606
	Exempt Vehicles	0	0		0		\$0		\$0
Hybrid	Cars and Station Wagons	1		12,500	374		\$1,227		\$131
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	1		849	0	\$3,186	\$0	\$871
E85	Cars and Station Wagons	10		84,625	2,111	1,334	\$7,162	\$4,269	\$2,140
	LDTs, Vans and SUVs	3		37,097	1,516	164	\$5,033	\$536	\$1,551
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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Exempt vehicles are those vehicles that for reasons given in RSMo 414.400 - 414.417 are exempt from vehicle fuel efficiency and alternative fuel requirements. Eligible vehicles include only those vehicles that are eligible to meet vehicle fuel efficiency and alternative fuel requirements specified in RSMo 414.400-414.417.

At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**DEPARTMENT OF MENTAL HEALTH
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	69		504,431	26,849		\$84,696		\$45,747
	LDTs, Vans and SUVs	99		494,563	34,969		\$103,490		\$62,677
	Exempt Vehicles	0	68		26,726		\$79,196		\$50,566
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	11		5,986	0	\$21,862	\$0	\$15,323
E85	Cars and Station Wagons	157		2,204,584	81,018	9,467	\$243,245	\$27,124	\$92,790
	LDTs, Vans and SUVs	76		824,657	51,819	852	\$121,884	\$2,619	\$60,459
	Exempt Vehicles	0	8		3,310	0	\$11,375	\$0	\$2,677
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**DEPARTMENT OF NATURAL RESOURCES
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	5		21,664	1,009		\$2,879		\$4,406
	LDTs, Vans and SUVs	118		1,277,305	65,869		\$216,003		\$59,072
	Exempt Vehicles	138	90		136,778		\$435,543		\$123,341
Hybrid	Cars and Station Wagons	5		23,519	574		\$1,789		\$2,507
	LDTs, Vans and SUVs	7		74,394	2,764		\$9,007		\$2,691
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	81		73,677	0	\$256,965	\$0	\$80,451
E85	Cars and Station Wagons	116		1,405,264	43,391	8,111	\$143,224	\$25,366	\$68,172
	LDTs, Vans and SUVs	107		1,032,323	49,883	5,393	\$163,701	\$16,592	\$42,239
	Exempt Vehicles	61	2		45,102	140	\$143,689	\$468	\$34,771
CNG	Cars and Station Wagons	2		1,275	57	0	\$182	\$0	\$1,111
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	3		9,174	758	64	\$2,463	\$206	\$1,037
	Exempt Vehicles	3	0		1,393	0	\$4,500	\$0	\$404
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**DEPARTMENT OF PUBLIC SAFETY
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	23		446,207	17,727		\$57,926		\$16,247
	LDTs, Vans and SUVs	30		301,582	16,236		\$53,677		\$25,000
	Exempt Vehicles	387	124		363,465		\$1,187,933		\$234,085
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	5	33		17,931	0	\$61,424	\$0	\$37,952
E85	Cars and Station Wagons	47		804,445	31,148	49	\$102,773	\$58	\$44,361
	LDTs, Vans and SUVs	19		184,627	8,595	0	\$28,272	\$0	\$7,066
	Exempt Vehicles	920	1		1,459,573	11,971	\$4,753,178	\$39,107	\$750,808
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**DEPARTMENT OF REVENUE
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	1		22,925	1,113		\$3,545		\$261
	LDTs, Vans and SUVs	3		22,051	1,118		\$3,571		\$1,129
	Exempt Vehicles	0	2		1,346		\$4,356		\$2,510
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	32		487,715	17,663	2,388	\$55,771	\$6,893	\$18,888
	LDTs, Vans and SUVs	10		196,059	8,450	218	\$26,541	\$618	\$5,269
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**DEPARTMENT OF SOCIAL SERVICES
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	16		256,022	9,475		\$31,560		\$10,241
	LDTs, Vans and SUVs	13		126,703	6,629		\$22,111		\$12,012
	Exempt Vehicles	39	93		76,139		\$277,354		\$123,490
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	3		4,620	0	\$16,978	\$0	\$4,376
E85	Cars and Station Wagons	442		7,919,055	278,777	46,265	\$912,715	\$142,387	\$324,970
	LDTs, Vans and SUVs	28		233,549	10,441	1,241	\$35,090	\$3,824	\$11,412
	Exempt Vehicles	3	0		1,055	0	\$3,570	\$0	\$473
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**DEPARTMENT OF TRANSPORTATION
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	11		211,071	8,518		\$27,739		\$4,138
	LDTs, Vans and SUVs	24		313,562	19,489		\$62,643		\$12,462
	Exempt Vehicles	678	508		1,419,261		\$4,610,450		\$567,241
Hybrid	Cars and Station Wagons	2		7,362	216		\$674		\$1,743
	LDTs, Vans and SUVs	1		12,130	528		\$1,686		\$377
	Exempt Vehicles	23	0		2,589		\$8,278		\$2,226
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	2	1,842		1,590,930	290,045	\$5,507,837	\$1,013,693	\$4,474,686
E85	Cars and Station Wagons	253		1,274,300	33,336	14,794	\$108,817	\$42,438	\$25,014
	LDTs, Vans and SUVs	17		200,415	9,616	2,813	\$30,957	\$8,046	\$7,366
	Exempt Vehicles	633	19		567,454	17,982	\$1,847,918	\$51,808	\$266,921
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**OFFICE OF ADMINISTRATION
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	28		397,437	15,404		\$49,576		\$17,291
	LDTs, Vans and SUVs	95		447,671	31,659		\$100,794		\$45,492
	Exempt Vehicles	24	72		38,259		\$121,725		\$52,243
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		12,844	1,296	0	\$4,513	\$0	\$747
	Exempt Vehicles	0	27		30,473	0	\$99,971	\$0	\$19,958
E85	Cars and Station Wagons	190		3,102,410	90,794	29,517	\$292,142	\$87,688	\$132,744
	LDTs, Vans and SUVs	42		534,704	24,555	3,734	\$79,769	\$10,903	\$21,830
	Exempt Vehicles	3	1		2,034	139	\$6,532	\$421	\$1,951
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		924	112	0	\$368	\$0	\$242
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**OTHER STATE ORGANIZATIONS
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	4		50,672	1,745		\$6,284		\$3,709
	LDTs, Vans and SUVs	3		12,342	841		\$2,819		\$1,931
	Exempt Vehicles	2	0		573		\$1,962		\$722
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	8		72,595	1,835	977	\$6,121	\$2,879	\$3,101
	LDTs, Vans and SUVs	8		71,317	2,874	948	\$9,748	\$3,195	\$6,360
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**UNIVERSITY OF CENTRAL MISSOURI
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	4		31,031	3,099		\$9,762		\$2,674
	Exempt Vehicles	128	0		34,695		\$109,289		\$12,785
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	1		7,196	647	0	\$2,297	\$0	\$607
	Exempt Vehicles	6	4		5,230	0	\$17,520	\$0	\$5,738
E85	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	1		85		32		\$2	\$35

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Exempt vehicles are those vehicles that for reasons given in RSMo 414.400 - 414.417 are exempt from vehicle fuel efficiency and alternative fuel requirements. Eligible vehicles include only those vehicles that are eligible to meet vehicle fuel efficiency and alternative fuel requirements specified in RSMo 414.400-414.417.

At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

State organizations included under the category of other state organizations are the State Offices of the Governor, Lieutenant Governor, Legislature and Judiciary.

**SUMMARY TABLE
VEHICLE OPERATIONS**

**HARRIS-STOWE STATE UNIVERSITY
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	10		100,000	7,625		\$28,594		\$19,487
	Exempt Vehicles	0	2		1,525		\$5,719		\$3,897
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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Exempt vehicles are those vehicles that for reasons given in RSMo 414.400 - 414.417 are exempt from vehicle fuel efficiency and alternative fuel requirements. Eligible vehicles include only those vehicles that are eligible to meet vehicle fuel efficiency and alternative fuel requirements specified in RSMo 414.400-414.417.

At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

State organizations included under the category of other state organizations are the State Offices of the Governor, Lieutenant Governor, Legislature and Judiciary.

**SUMMARY TABLE
VEHICLE OPERATIONS**

**LINCOLN UNIVERSITY
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	11		148,191	7,432		\$14,248		\$787
	Exempt Vehicles	63	3		28,999		\$92,030		\$3,538
Hybrid	Cars and Station Wagons	3		48,363	1,448		\$4,887		\$376
	LDTs, Vans and SUVs	4		82,712	2,727		\$9,798		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	7		67,262	2,407	87	\$6,807	\$301	\$73
	LDTs, Vans and SUVs	6		98,534	3,444	253	\$12,741	\$1,077	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**MISSOURI SOUTHERN STATE UNIVERSITY
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	7		35,991	3,584		\$12,474		\$3,781
	LDTs, Vans and SUVs	1		380	40		\$128		\$0
	Exempt Vehicles	29	0		5,865		\$20,409		\$13,887
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	1		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

State organizations included under the category of other state organizations are the State Offices of the Governor, Lieutenant Governor, Legislature and Judiciary.

**SUMMARY TABLE
VEHICLE OPERATIONS**

**MISSOURI STATE UNIVERSITY
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	11		62,296	3,311		\$11,059		\$13,612
	LDTs, Vans and SUVs	148		972,031	39,523		\$133,565		\$102,407
	Exempt Vehicles	0	0		0		\$0		\$0
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	2		15,769	1,871	0	\$6,155	\$0	\$8,308
	LDTs, Vans and SUVs	9		124,569	9,207	0	\$31,275	\$0	\$4,104
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	12		6,351		2,382		\$179	\$392

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At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

State organizations included under the category of other state organizations are the State Offices of the Governor, Lieutenant Governor, Legislature and Judiciary.

**SUMMARY TABLE
VEHICLE OPERATIONS**

**MISSOURI WESTERN STATE UNIVERSITY
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	24	0		7,644		\$25,300		\$8,550
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	4		4,310	0	\$11,043	\$0	\$10,506
E85	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**NORTHWEST MISSOURI STATE UNIVERSITY
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	8		114,750	3,768		\$12,361		\$4,418
	LDTs, Vans and SUVs	19		149,952	7,280		\$23,875		\$12,732
	Exempt Vehicles	48	11		17,158		\$56,595		\$36,876
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	13		33,010	0	\$115,681	\$0	\$48,681
E85	Cars and Station Wagons	21		283,245	7,993	1,141	\$26,509	\$3,582	\$8,023
	LDTs, Vans and SUVs	3		30,921	1,103	199	\$3,618	\$625	\$2,667
	Exempt Vehicles	3	0		2,633	0	\$8,636	\$0	\$3,852
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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Exempt vehicles are those vehicles that for reasons given in RSMo 414.400 - 414.417 are exempt from vehicle fuel efficiency and alternative fuel requirements. Eligible vehicles include only those vehicles that are eligible to meet vehicle fuel efficiency and alternative fuel requirements specified in RSMo 414.400-414.417.

At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

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**SUMMARY TABLE
VEHICLE OPERATIONS**

**SOUTHEAST MISSOURI STATE UNIVERSITY
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	18		91,185	4,077		\$13,833		\$5,996
	LDTs, Vans and SUVs	10		11,414	983		\$3,314		\$3,147
	Exempt Vehicles	124	8		45,489		\$155,213		\$131,594
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	15	1		27,102	0	\$99,393	\$0	\$53,589
E85	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	7		20,274	2,261	0	\$7,463	\$0	\$9,603
	Exempt Vehicles	18	0		11,412	0	\$37,752	\$0	\$6,117
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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Exempt vehicles are those vehicles that for reasons given in RSMo 414.400 - 414.417 are exempt from vehicle fuel efficiency and alternative fuel requirements. Eligible vehicles include only those vehicles that are eligible to meet vehicle fuel efficiency and alternative fuel requirements specified in RSMo 414.400-414.417.

At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

State organizations included under the category of other state organizations are the State Offices of the Governor, Lieutenant Governor, Legislature and Judiciary.

**SUMMARY TABLE
VEHICLE OPERATIONS**

**TRUMAN STATE UNIVERSITY
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	2		43,203	1,196		\$2,144		\$487
	LDTs, Vans and SUVs	10		68,232	4,290		\$14,884		\$7,640
	Exempt Vehicles	11	10		5,266		\$18,170		\$12,614
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	2	3		7,095	0	\$27,208	\$0	\$17,468
E85	Cars and Station Wagons	11		208,884	8,121	510	\$27,972	\$1,743	\$6,404
	LDTs, Vans and SUVs	6		92,302	4,091	590	\$13,998	\$1,980	\$3,133
	Exempt Vehicles	2	0		1,644	57	\$5,507	\$200	\$3,741
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

State organizations included under the category of other state organizations are the State Offices of the Governor, Lieutenant Governor, Legislature and Judiciary.

**SUMMARY TABLE
VEHICLE OPERATIONS**

**UNIVERSITY OF MISSOURI
Fiscal Year 2012**

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	145		1,219,037	59,702		\$152,994		\$45,162
	LDTs, Vans and SUVs	568		2,970,595	197,013		\$495,162		\$284,151
	Exempt Vehicles	238	126		147,342		\$439,195		\$284,733
Hybrid	Cars and Station Wagons	3		36,406	816		\$2,773		\$1,954
	LDTs, Vans and SUVs	2		14,540	547		\$1,825		\$1,412
	Exempt Vehicles	0	1		526		\$1,319		\$596
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	13		67,957	6,482	0	\$16,564	\$0	\$9,671
	Exempt Vehicles	94	10		111,379	0	\$329,943	\$0	\$141,019
E85	Cars and Station Wagons	46		379,595	16,985	3,081	\$47,534	\$7,556	\$26,038
	LDTs, Vans and SUVs	133		899,125	33,493	12,598	\$98,832	\$37,462	\$64,129
	Exempt Vehicles	21	10		21,540	2,922	\$65,690	\$6,966	\$12,570
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	5		6,561		1,714		\$21	\$2,065

Many management functions of the Missouri State Fleet in Jefferson City are centralized under the Office of Administration. Day-to-day decisions and record keeping tasks are performed by each agency. Therefore, the operations data used to generate this table were provided by the Missouri State Agencies that use on-road and off-road vehicles to accomplish their official duties.

Exempt vehicles are those vehicles that for reasons given in RSMo 414.400 - 414.417 are exempt from vehicle fuel efficiency and alternative fuel requirements. Eligible vehicles include only those vehicles that are eligible to meet vehicle fuel efficiency and alternative fuel requirements specified in RSMo 414.400-414.417.

At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

State organizations included under the category of other state organizations are the State Offices of the Governor, Lieutenant Governor, Legislature and Judiciary.

Appendix C

When identified throughout the report, gasoline gallon equivalents (GGE) is used as a unit of measure for alternative fuels. As a unit of measure, GGE is based on the fuel's energy content rather than the at-the-pump unit of measure normally shown in unit volume. An example of this is the comparison of a gallon of 85 percent ethanol (E85) to a gallon of gasoline. Since the energy content of E85 is less than that of gasoline, one gallon of E85 is equivalent to 0.7130 gallons of gasoline.

Unit Consumption Conversion Table of Vehicle Motor Fuels, At-the-Pump Units to Gasoline Gallon Equivalents (GGE)

Fuel Type	At-the-Pump Units	BTU/Unit	GGE/Unit
Gasoline	Gallon	115,000	1.0000
E85	Gallon	82,000	0.7130
Propane	Gallon	89,000	0.7739
CNG	Cubic Feet	1,000	0.0087
Diesel	Gallon	130,000	1.1304
Biodiesel (20)	Gallon	128,800	1.1200
Biodiesel (100)	Gallon	124,200	1.0800
Electric	Kilowatt hour	3,413	0.0297

Appendix D

- **Average Fleet Fuel Economy of New Acquisition Passenger Cars**
- **Average Fleet Fuel Economy of New Acquisition Light-Duty Trucks**
- **Percent Alternative Fuel Vehicles of all New Vehicle Acquisitions**
- **Percent Alternative Fuel Usage in Alternative Fuel Vehicles - B-20 and Exempt Usage Not Included**
- **Percent Alternative Fuel Usage in Non-Exempt and Exempt Alternative Fuel Vehicles – B20 Usage Included in Diesel Vehicles**

AVERAGE FLEET FUEL ECONOMY NEW ACQUISITION PASSENGER CARS

MISSOURI STATE FLEET FISCAL YEAR 2012

Shown in RSMo 414.400 - 414.417, 'the overall vehicle fuel efficiency for each agency to meet or exceed the fuel efficiency that would be achieved if each vehicle in the agency's fleet met the CAFE standard.' The CAFE standard for newly built passenger cars is 27.5 MPG. Throughout the following table, the average vehicle fuel efficiency of all new acquisition passenger cars is shown for each agency. Passenger cars include both cars and station wagons that are eligible to meet vehicle fuel efficiency standards. If an agency is not shown, the agency did not report acquiring any new passenger cars that were eligible to meet state vehicle fuel efficiency requirements throughout the fiscal year.

ATTORNEY GENERAL	37.1
DEPARTMENT OF AGRICULTURE	37.1
DEPARTMENT OF CORRECTIONS	37.1
DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	38.1
DEPARTMENT OF HEALTH AND SENIOR SERVICES	37.1
DEPARTMENT OF INSURANCE	37.1
DEPARTMENT OF MENTAL HEALTH	37.1
DEPARTMENT OF NATURAL RESOURCES	38.9
DEPARTMENT OF PUBLIC SAFETY	38.4
DEPARTMENT OF SOCIAL SERVICES	39.9
MISSOURI STATE UNIVERSITY	39.0
NORTHWEST MISSOURI STATE UNIVERSITY	37.1
OFFICE OF ADMINISTRATION	40.2
OTHER STATE ORGANIZATIONS	37.1
TRUMAN STATE UNIVERSITY	39.0
UNIVERSITY OF MISSOURI	39.0
MISSOURI STATE FLEET	38.6

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**AVERAGE FLEET FUEL ECONOMY
NEW ACQUISITION LIGHT DUTY TRUCKS****MISSOURI STATE FLEET
FISCAL YEAR 2012**

Shown in RSMo 414.400 - 414.417, 'the overall vehicle fuel efficiency for each agency to meet or exceed the fuel efficiency that would be achieved if each vehicle in the agency's fleet met the CAFE standard.' The CAFE standard for newly built light duty trucks is 20.7 MPG. Throughout the following table, the average vehicle fuel efficiency of all new acquisition light duty trucks is shown for each agency. Light duty trucks include trucks, vans and SUVs that are eligible to meet vehicle fuel efficiency standards. If an agency is not shown, the agency did not report acquiring any new light duty trucks that were eligible to meet state vehicle fuel efficiency requirements throughout the fiscal year.

ATTORNEY GENERAL	34.0
DEPARTMENT OF AGRICULTURE	31.3
DEPARTMENT OF CONSERVATION	27.9
DEPARTMENT OF CORRECTIONS	26.0
DEPARTMENT OF ECONOMIC DEVELOPMENT	34.0
DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	34.0
DEPARTMENT OF HEALTH AND SENIOR SERVICES	29.5
DEPARTMENT OF INSURANCE	33.5
DEPARTMENT OF MENTAL HEALTH	30.2
DEPARTMENT OF NATURAL RESOURCES	27.9
DEPARTMENT OF PUBLIC SAFETY	25.0
DEPARTMENT OF REVENUE	34.0
DEPARTMENT OF SOCIAL SERVICES	34.0
MISSOURI STATE UNIVERSITY	23.8
OFFICE OF ADMINISTRATION	30.8
UNIVERSITY OF MISSOURI	24.4
MISSOURI STATE FLEET	28.7

**PERCENT ALTERNATIVE FUEL VEHICLES
OF ALL NEW VEHICLE ACQUISITIONS**

**MISSOURI STATE FLEET
STATUTORY PERIOD 2012**

Since agencies that operate less than 16 eligible vehicles are not subject to program acquisition requirements described in RSMo 414.400 – 414.417, only agencies that operate greater than 15 eligible vehicles are shown in the following table. Shown in RSMo 414.410, at least 70 percent of an agency's fleet vehicle acquisitions over a one year statutory period shall be vehicles capable of using alternative fuels.

DEPARTMENT OF AGRICULTURE	95.7%
DEPARTMENT OF CONSERVATION	100.0%
DEPARTMENT OF CORRECTIONS	100.0%
DEPARTMENT OF ECONOMIC DEVELOPMENT	100.0%
DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	100.0%
DEPARTMENT OF HEALTH AND SENIOR SERVICES	100.0%
DEPARTMENT OF INSURANCE	100.0%
DEPARTMENT OF MENTAL HEALTH	100.0%
DEPARTMENT OF NATURAL RESOURCES	71.4%
DEPARTMENT OF PUBLIC SAFETY	100.0%
DEPARTMENT OF REVENUE	100.0%
DEPARTMENT OF SOCIAL SERVICES	100.0%
MISSOURI STATE UNIVERSITY	85.7%
NORTHWEST MISSOURI STATE UNIVERSITY	100.0%
OFFICE OF ADMINISTRATION	100.0%
OTHER STATE ORGANIZATIONS	100.0%
TRUMAN STATE UNIVERSITY	100.0%
UNIVERSITY OF MISSOURI	100.0%
AGENCIES WITH GREATER THAN 15 VEHICLES	95.6%

**PERCENT ALTERNATIVE FUEL USAGE
IN ALTERNATIVE FUEL VEHICLES - B20 AND
EXEMPT USAGE NOT INCLUDED**

**MISSOURI STATE FLEET
FISCAL YEAR 2012**

Since agencies that operate less than 16 eligible vehicles are not subject to the 30 percent alternative fuel usage requirement described in RSMo 414.400 - 414.417, only agencies that operate greater than 15 eligible vehicles are shown in the following table. If no number appears, the agency did not report any alternative fuel usage.

DEPARTMENT OF AGRICULTURE	2%
DEPARTMENT OF CONSERVATION	1%
DEPARTMENT OF CORRECTIONS	12%
DEPARTMENT OF ECONOMIC DEVELOPMENT	14%
DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	10%
DEPARTMENT OF HEALTH AND SENIOR SERVICES	8%
DEPARTMENT OF INSURANCE	1%
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS	23%
DEPARTMENT OF MENTAL HEALTH	5%
DEPARTMENT OF NATURAL RESOURCES	9%
DEPARTMENT OF PUBLIC SAFETY	0%
DEPARTMENT OF REVENUE	7%
DEPARTMENT OF SOCIAL SERVICES	10%
DEPARTMENT OF TRANSPORTATION	23%
LINCOLN UNIVERSITY	4%
MISSOURI STATE UNIVERSITY	0%
NORTHWEST MISSOURI STATE UNIVERSITY	10%
OFFICE OF ADMINISTRATION	17%
OTHER STATE ORGANIZATIONS	23%
SOUTHEAST MISSOURI STATE UNIVERSITY	0%
TRUMAN STATE UNIVERSITY	6%
UNIVERSITY OF MISSOURI	18%
MISSOURI STATE FLEET	10%

**PERCENT ALTERNATIVE FUEL USAGE
IN NON-EXEMPT AND EXEMPT ALTERNATIVE FUEL
VEHICLES - B20 USAGE INCLUDED IN DIESEL
VEHICLES**

**MISSOURI STATE FLEET
FISCAL YEAR 2012**

Since agencies that operate less than 16 eligible vehicles are not subject to the 30 percent alternative fuel usage requirement described in RSMo 414.400 - 414.417, only agencies that operate greater than 15 eligible vehicles are shown in the following table. If no number appears, the agency did not report any alternative fuel usage.

DEPARTMENT OF AGRICULTURE	1%
DEPARTMENT OF CONSERVATION	0%
DEPARTMENT OF CORRECTIONS	11%
DEPARTMENT OF ECONOMIC DEVELOPMENT	14%
DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	13%
DEPARTMENT OF HEALTH AND SENIOR SERVICES	8%
DEPARTMENT OF INSURANCE	1%
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS	23%
DEPARTMENT OF MENTAL HEALTH	5%
DEPARTMENT OF NATURAL RESOURCES	7%
DEPARTMENT OF PUBLIC SAFETY	1%
DEPARTMENT OF REVENUE	7%
DEPARTMENT OF SOCIAL SERVICES	10%
DEPARTMENT OF TRANSPORTATION	4%
LINCOLN UNIVERSITY	4%
MISSOURI STATE UNIVERSITY	0%
NORTHWEST MISSOURI STATE UNIVERSITY	8%
OFFICE OF ADMINISTRATION	17%
OTHER STATE ORGANIZATIONS	23%
SOUTHEAST MISSOURI STATE UNIVERSITY	0%
TRUMAN STATE UNIVERSITY	6%
UNIVERSITY OF MISSOURI	16%
TOTAL NON-DIESEL VEHICLES	4%

DIESEL VEHICLES

DEPARTMENT OF CONSERVATION	2%
DEPARTMENT OF TRANSPORTATION	77%
TOTAL B20 USAGE	53%

MISSOURI STATE FLEET	26%
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